SEP 1 0 2004

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

SANDRA THOMPSON BINGHAM MCCUTCHEN, LLP THREE EMBARCADERO CENTER SAN FRANCISCO, CA 94111

Bingham McCutchen IP Docket Dept.

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing (day/month/year) SEP 2004

Applicant's or agent's file reference

IMPORTANT NOTIFICATION

7240156001-3224000

International filing date (day/month/year)

Priority date (day/month/year)

International application No.

15 July 2003 (15.07.2003)

15 July 2002 (15.07.2002)

PCT/US03/22710 Applicant

HONEYWELL INTERNATIONAL INC.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

### 4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US

Mail Stop PCT, Attn: IPEA/US Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230 Form PCT/IPEA/416 (July 1992) Authorized officer

Ramsey Zacharia

Telephone No. (703) 308-0661

RECEIVED

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BINGHAM McCUTCHEN By: in to ES POPT



### **PCT**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
7240156001-3224000	International filing date (day/mo.	(1 to anth higher
International application No.	International filing date (as)	15 July 2002 (15.07.2002)
	15 July 2003 (15.07.2003)	
PCT/US03/22710 International Patent Classification (IPC)	es perional classification and IPC	447
IPC(7): B32B 15/06, 15/16, 15/20, 25/0457, 500	02, 25/04, 25/20, 31/00; H05K 7/	20 and US Cl.: 361/704, 717, 719; 428/332, 411.1, 447,
Applicant		
HONEYWELL INTERNATIONAL IN	C	
This international prelim     Examining Authority and	inary examination report has be I is transmitted to the applicant	een prepared by this International Preliminary according to Article 36.
2. This REPORT consists of	of a total of sheets, including	ig this cover size.
This report is also a which have been an before this Authori	necompanied by ANNEXES, i.e needed and are the basis for thin ty (see Rule 70.16 and Section	e., sheets of the description, claims and/or drawings is report and/or sheets containing rectifications made 607 of the Administrative Instructions under the PCT).
These annexes consist of		
3. This report contains ind	ications relating to the following	g items:
I Basis of the r	eport	
II Priority	•	
III Non-establish	ment of report with regard to	novelty, inventive step and industrial applicability
IV Lack of unity		
1V		h regard to novelty, inventive step or industrial
V   Reasoned star	citations and explanations sup	porting such statement
VI Certain docu		
VII Certain defex	cts in the international applicati	on
VIII Certain obse	rvations on the international ap	plication
	•	
	1 n	Date of completion of this report
Date of submission of the demand	-	
20 January 2004 (20.01.2004)	1	8 August 2004 (18.08.2004)
Name and mailing address of the IPI	EA/US A	authorized officer
Mail Stop PCT, Attn: IPEA/U Commissioner for Patents	S	Authorized officer Remsey Zacharia
P.O. Box 1450 Alexandria, Virginia 223 13-14		Telephone No. (703) 308-0661
Facsimile No. (703) 305-3230		erephone rio. (100) occ co
Form PCT/IPEA/409 (cover sheet)(Ju	ıly 1998)	

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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1	Internation location No.
1	PCT/US03/22710

I.	Basis of the report	
1.	With regard to the elements of the international application:*	
	the international application as originally filed.	
	the description:	
	pages 1-31 as originally filed pages NONE , filed with the demand	
	pages NONE, filed with the definate  pages NONE, filed with the letter of	
	pages	
	the claims: pages NONE as originally filed pages NONE as originally filed	
	as amended (together with any summary)	
1	pages NONE , filed with the demand , filed with the letter of 20 July 2004 (20.07.2004)	
١	pages NONE , filed with the defination pages 32-36 , filed with the letter of 20 July 2004 (20.07.2004)	
	the drawings:	
	as originally filed	
1	pages NONE, filed with the demand pages NONE, filed with the letter of	
	pages NONE, mes via	
	the sequence listing part of the description:	
	pages NONE, as originally filed pages NONE, filed with the demand, filed with the letter of	
	pages NONE , filed with the letter of	
١	With regard to the language, all the elements intalked above to the purise indicated under this item.	
1	2. With regard to the language, all the elements marked above were available of relational application was filed, unless otherwise indicated under this item.  language in which the international application was filed, unless otherwise indicated under this item.  These elements were available or furnished to this Authority in the following language which is:	
		l
١	These elements were available of infinite to the purposes of international search (under Rule23.1(b)).  the language of a translation furnished for the purposes of international search (under Rule23.1(b)).	
	the language of publication of the international application (under Rule 48.3(b)).  the language of publication of the international application (under Rule 48.3(b)).	l
-	the language of the translation furnished for the purposes of international premiumally	l
١	55.2 and/or 55.3).  3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the	ı
١	<ol> <li>With regard to any nucleotide and/or amino acid sequence transformational preliminary examination was carried out on the basis of the sequence listing:</li> </ol>	١
١	international preliminary examination was custod form	l
- [	contained in the international application in printed form.	1
-	filed together with the international application in computer readable form.	١
-	furnished subsequently to this Authority in written form.	Ì
	furnished subsequently to this Authority in computer readable form.	1
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the	1
	international application as filed has been furnished.	2
	The statement that the information recorded in computer readable form is identical to the written sequence listing	1
	has been furnished.	Ì
	4. The amendments have resulted in the cancellation of:	1
	the description, pages NONE	İ
	the claims, Nos. 3 and 25	
	the descriptor cheets/fig NONE	
	the best considered as if (some of) the amendments had not been made, since they have been considered to go	
	beyond the disclosure as filed, as indicated in the supplemental both in invitation under Article 14 are referred to it	n
	* Replacement sheets which have been furnished to the receiving Office in response to at this data. Rules 70.16 and 70.17).	
	this report as "originally filed" and are not annexed to this report since they do not contain and annexed to this report.  ** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.	
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# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Form PCT/IPEA/409 (Box V) (July 1998)

Internation PCT/USO O

citations and explanations supporting su	ch statement	to novelty, inventive step or industrie	·
	CH Statement		
STATEMENT			YES
Novelty (N)		1, 2, 4, 5, 7-24, 26, 27, 29-50	NO
	Claims	NONE	
	<b>a.</b>	1, 2, 4, 5, 7-24, 26, 27, 29-50	YES
Inventive Step (IS)			NO
	Claims	NONE	
		1, 2, 4, 5, 7-24, 26, 27, 29-50	YES
Industrial Applicability (IA)			NO
	Claims	NONE	
U.S. Patent 5,847,929 teaches a circuit the heat spreader may be made of copper or aluncatent 5,847,929 does not teach or fairly suggest Claims 1, 2, 4, 5, 7-24, 26, 27, and 29-50 meet because the subject matter claimed can be made	the criteria set of or used in indust	ut in PCT Article 33(4), and thus have indus	
NEW CITATIONS			
NEW CITATIONS		•	
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